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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/698,497	10/27/2000	Ahmadreza Rofougaran	40882/CAG/B600	3845

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EXAMINER	
MILORD, MARCEAU	
ART UNIT	PAPER NUMBER
2682	

DATE MAILED: 11/05/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action

Application No.

09/698,497

Applicant(s)

ROFOUGARAN ET AL.

Examiner

Marceau Milord

Art Unit

2682

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 13 September 2004 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
- b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
- ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☐ The proposed amendment(s) will not be entered because:
- (a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);
 - (b) ☐ they raise the issue of new matter (see Note below);
 - (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 - (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____

3. ☐ Applicant's reply has overcome the following rejection(s): _____.
4. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☒ The a) ☐ affidavit, b) ☐ exhibit, or c) ☒ request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☐ For purposes of Appeal, the proposed amendment(s) a) ☐ will not be entered or b) ☒ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____

Claim(s) objected to: _____

Claim(s) rejected: 1-26.

Claim(s) withdrawn from consideration: _____

8. ☐ The drawing correction filed on _____ is a) ☐ approved or b) ☐ disapproved by the Examiner.
9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____.
10. ☐ Other: _____


MARCEAU MILORD
PRIMARY EXAMINER

Continuation of 5. does NOT place the application in condition for allowance because: The Examiner still believes that Hilbert and Gardenfors teach all the claimed limitations. Applicant's representative argues that Gardenfors fails to teach a capacitor coupled across the power input and the power return. However, Gardenfors discloses a radio transceiver that is completely integrated into one IC chip. The transceiver also includes digital circuitry to provide power down control, programming of certain analog blocks on the chip due to process variations, and synthesizer control logic (col. 7, lines 11-51). The transceiver on a chip includes a transmit/receive antenna coupled to a low noise amplifier in the receiver front end. The output of the LNA is coupled to an image-rejection mixer, which is composed of a first mixer for the I channel, a second mixer for the Q channel (col. 6, lines 8-65). It means that the entire transceiver is integrated on a single IC chip. All the components are implemented into the single integrated circuit (resistors, capacitors, transistors, etc).

Applicant's representative also argues that Hilbert fails to teach a logic circuit, a capacitor, a first resistor and a second resistor. Hilbert shows in figure 3, a variable phase shift network that is implemented in a direct conversion radio transceiver (col. 13, lines 39-44). The variable phase shift network includes the first resistor 814 and the second resistor 815. The second terminal of the variable current source is coupled to the reference voltage 820. The variable current source is adapted to control current in the fifth NPN transistor and is adapted to control current in the sixth NPN transistor 811 (col. 14, lines 3-60). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims.